



**NOAA, NATIONAL WEATHER SERVICE, WEATHER FORECAST OFFICE**

**Miami, Florida 33165**

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## **Fort Lauderdale-Hollywood International Airport Equals All Time High Temperature Record June 22**

### **Daily Records Fall at Miami and West Palm Beach**

Actual temperatures near 100 degrees Fahrenheit have only occurred a few times across mainland South Florida through the period of meteorological record of about 100 years. Normally, onshore seabreezes keep temperatures well below 100 degrees near the heavily populated coastal areas of Miami-Dade, Broward, Palm Beach, mainland Monroe, and Collier counties.

However, on Monday, June 22, 2009, a persistent strong westerly wind flow kept sea breezes from developing along the metropolitan Atlantic coast. This along with strong high pressure aloft allowed actual temperatures to soar near 100 degrees in metro Miami-Dade, Broward, and Palm Beach counties, resulting in numerous record temperatures.

Temperature records extend back to 1895 at Miami, to 1912 at Fort Lauderdale, and to 1888 for the West Palm Beach area.

NOTE: The Fort Lauderdale record of 100 degrees on August 4, 1944 is somewhat dubious because of questionable instrument exposure and because no other South Florida reporting station reached 100 degrees on that date. However, there is no doubt that many South Florida locations reached 100 degrees on July

21, 1942, including Fort Lauderdale even though the record for Fort Lauderdale for that month is incomplete.

The Fort Lauderdale – Hollywood International Airport temperature, as measured by the Automated Surface Observing System (ASOS) which is the instrument used now by the National Weather Service to measure temperature and a host of other meteorological parameters, actually reached 101 degrees for a few seconds just after 4 PM EDT but did not hold it long enough to be considered the maximum temperature for the day.

The date of July 21, 1942 is likely the previous hottest day ever for mainland South Florida, as many locations reached or exceeded 100 degrees. The following is a list of reported maximum temperatures for mainland South Florida on that date:

#### JULY 21 1942 MAX TEMPS

FORT LAUDERDALE 100 EST  
FORTY MILE BEND 99  
HIALEAH 100  
HOMESTEAD 100  
HYPOLUXO 98  
LOXAHATCHEE 101  
MIAMI BEACH 98  
MIAMI INTL AP 100  
MOORE HAVEN 100  
NAPLES 96  
POMPANO BEACH 100  
WEST PALM BEACH 101

Site	Previous Record for June 22	New Record on June 22, 2009
Miami Int'l AP	94 in 1992 and 1998	98
Fort Lauderdale/Hollywood Int'l AP	96 in 1956 98 6/21/ 2009 (month) 100 8/4/1944 and 7/21/1942 (all time)	100 100 6/22/2009 (month) 100 6/22/2009 (all time)
West Palm Beach	95 in 1992 and 2004	96